

**U.S. APPLICATION NO. 09/724,459**

**Examiner Paul Callahan**

**PROPOSED CLAIM AMENDMENTS  
(FOR PURPOSES OF EXAMINER INTERVIEW ON AUG. 12, 2002)**

**64. Apparatus for authenticating that certain information has been transmitted from a sender via a dispatcher to a recipient, the apparatus comprising:**

**means for providing a set A comprising a plurality of information elements  $a_1, \dots, a_n$ , where said information element  $a_1$  is originated from the sender and comprising the contents of the information being electronically transmitted to said recipient, and said one or more information elements  $a_2, \dots, a_n$  comprising dispatch-related information and comprise at least the following elements:**

**$a_2$  - a time indication associated with said dispatch; and**

**$a_3$  - information describing the destination of said dispatch,**

**and wherein at least said information element  $a_2$  is provided in a manner that is resistant to or indicative of tampering by either of said sender and said recipient; and**

**an authenticator functioning as a non-interested third party with respect to the sender and the receiver and having**

**(1) means for associating said dispatch-related information with said element  $a_1$  by generating authentication-information comprising a representation of at least said elements  $a_1$ ,  $a_2$  and  $a_3$ , said representation comprising a set of one or more elements, each comprising a representation of one or more elements of said set A; and**